CONTENTS OF VOLUME 35

NUMBER 1

1 CADMIUM TREATMENT AND LEAD-INDUCED SUPPRESSION OF SPLENIC ERYTHROPOIESIS **G. R. Hogan**

7 COMPARISON OF RAT PULMONARY AND HEPATIC CYTOSOLIC ALCOHOL DEHYDROGENASE ACTIVITIES **Jose E. Manautou and Gary P. Carlson**

19 BIOTRANSFORMATION OF BUTACHLOR THROUGH MERCAPTURIC ACID PATHWAY IN RAT TISSUE HOMOGENATES **Yueh-Hsing Ou and Jen-Kun Lin**

29 INVESTIGATION OF TCDD HALF-LIFE HETEROGENEITY IN VETERANS OF OPERATION RANCH HAND **Joel E. Michalek, Ram C. Tripathi, Samuel P. Caudill, and James L. Pirkle**

39 INFLUENCE OF MINERAL DUST SURFACE CHEMISTRY ON EICOSANOID PRODUCTION BY THE ALVEOLAR MACROPHAGE **Douglas C. Kuhn and Laurence M. Demers**

51 PROTECTIVE EFFECTS OF ZINC ON CULTURED RAT PRIMARY HEPATOCYTES TO METALS WITH LOW AFFINITY FOR METALLOTHIONEIN **Jie Liu, William C. Kershaw, and Curtis D. Klaassen**

63 CIGARRETTE SMOKE EXPOSURE DOES NOT PREVENT CADMIUM-INDUCED ALTERATIONS IN RAT LUNGS **Yih-Loong Lai and Louis Diamond**

77 BOOK REVIEW

NUMBER 2

79 STUDY ON THE PATHOGENIC FACTORS OF KASHIN-BECK DISEASE **An Peng, Chunlin Yang, Haifen Rui, and Hu Li**

91 PERMETHRIN TRANSFER FROM TREATED CLOTH TO THE SKIN SURFACE: POTENTIAL FOR EXPOSURE IN HUMANS **Hubert L. Snodgrass**

107 INHIBITION OF MITOMYCIN C-INDUCED SISTER CHROMATID EXCHANGES BY VITAMIN C IN VIVO **G. Rivas-Olmedo, S. Díaz Barriga-Arceo, and E. Madrigal-Bujaidar**

115 Cd-METALLOTHIONEIN NEPHROTOXICITY IN INBRED STRAINS OF MICE **L. E. Sendelbach, W. C. Kershaw, F. Cuppage, and C. D. Klaassen**

127 EFFECTS OF ALTITUDE ON ENDOGENOUS CARBOXYHEMOGLOBIN LEVELS **James J. McGrath**

135 EXPOSURE TO MERCURY VIA BREAST MILK IN SUCKLING OFFSPRING OF MATERNAL GUINEA PIGS EXPOSED TO MERCURY VAPOR AFTER PARTURITION **Minoru Yoshida, Hiroshi Satoh, Tsuyoshi Kishimoto, and Yukio Yamamura**

NUMBER 3

141 DIETARY MODIFICATION OF DRUG-METABOLIZING ENZYME ACTIVITIES: DOSE-RESPONSE EFFECT OF FLAVONOIDS **Marie-Hélène Siess, Anne Marie Le Bon, and Marc Suschetet**

153 METABOLISM AND DISPOSITION OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN IN RING-NECKED PHEASANT HENS, CHICKS, AND EGGS **John A. Nosek, Scott R. Craven, John R. Sullivan, James R. Olson, and Richard E. Peterson**

165 AIRWAY HYPERRESPONSIVENESS IN GUINEA PIGS EXPOSED TO ACID-COATED ULTRAFINE PARTICLES **Lung Chi Chen, Patricia D. Miller, Mary O. Amdur, and Terry Gordon**

175 EFFECTS OF PETROCHEMICALS AND ULTRAVIOLET RADIATION ON EPIDERMAL IA EXPRESSION IN VITRO **Kim Burnham and Mita Rahman**

187 TOXICITY AND REPRODUCTIVE EFFECTS OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN IN RING-NECKED PHEASANT HENS **John A. Nosek, Scott R. Craven, John R. Sullivan, Sarah S. Hurley, and Richard E. Peterson**

199 BOOK REVIEWS

203 ANNOUNCEMENTS

NUMBER 4

205 REMOVAL OF TOXIC METALS AND NONMETALS FROM CONTAMINATED WATER **Ronald Bartzatt, Martin Cano, Linda Johnson, and Donald Nagel**

211 DISTRIBUTION AND EXCRETION OF CADMIUM AND NICKEL AFTER SIMULTANEOUS EXPOSURE AND THE EFFECT OF *N*-BENZYL-D-GLUCAMINE DITHIOCARBAMATE ON THEIR BILIARY AND URINARY EXCRETION **Miroslav Cikrt, Karel Bláha, Jana Nerudová, Daniela Bittnerová, Helena Jehličková, and Mark M. Jones**

221 CILIATED RESPIRATORY EPITHELIAL SURFACE CHANGES AFTER FORMALDEHYDE EXPOSURE **Frank Colizzo, Mori J. Krantz, James E. Fish, and Annette T. Hastie**

235 EXPOSURE OF HUMAN LUNG FIBROBLASTS TO OZONE: CELL MORTALITY AND HYALURONAN METABOLISM **Donata Mayer and Detlev Branscheid**

247 LONG-TERM EFFECTS OF OZONE AND NITROGEN DIOXIDE ON THE METABOLISM AND POPULATION OF ALVEOLAR MACROPHAGES **Katsumi Mochitate, Kunihiko Ishida, Takumi Ohsumi, and Takashi Miura**

261 FIVE OFFICE WORKERS INADVERTENTLY EXPOSED TO CYPERMETHRIN **James E. Lessenger**

269 PERCUTANEOUS ABSORPTION OF [^{14}C]CHLORDANE FROM SOIL **Ronald C. Wester, Howard I. Maibach, Lena Sedik, Joseph Melendres, Cheng L. Liao, and Stephen DiZio**

279 ANNOUNCEMENTS

FOLLOWING PAGE 280:

TITLE PAGE TO VOLUME 35

CONTENTS OF VOLUME 35

AUTHOR INDEX TO VOLUME 35

SUBJECT INDEX TO VOLUME 35